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FIG.1A

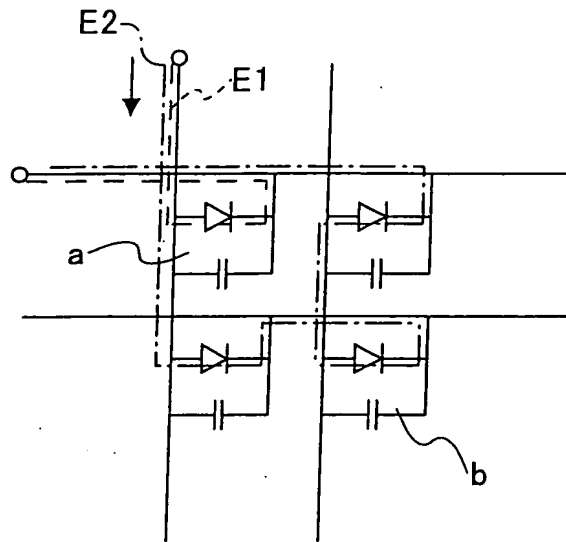
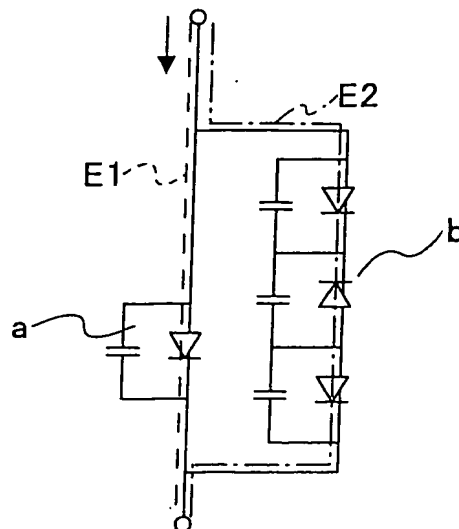
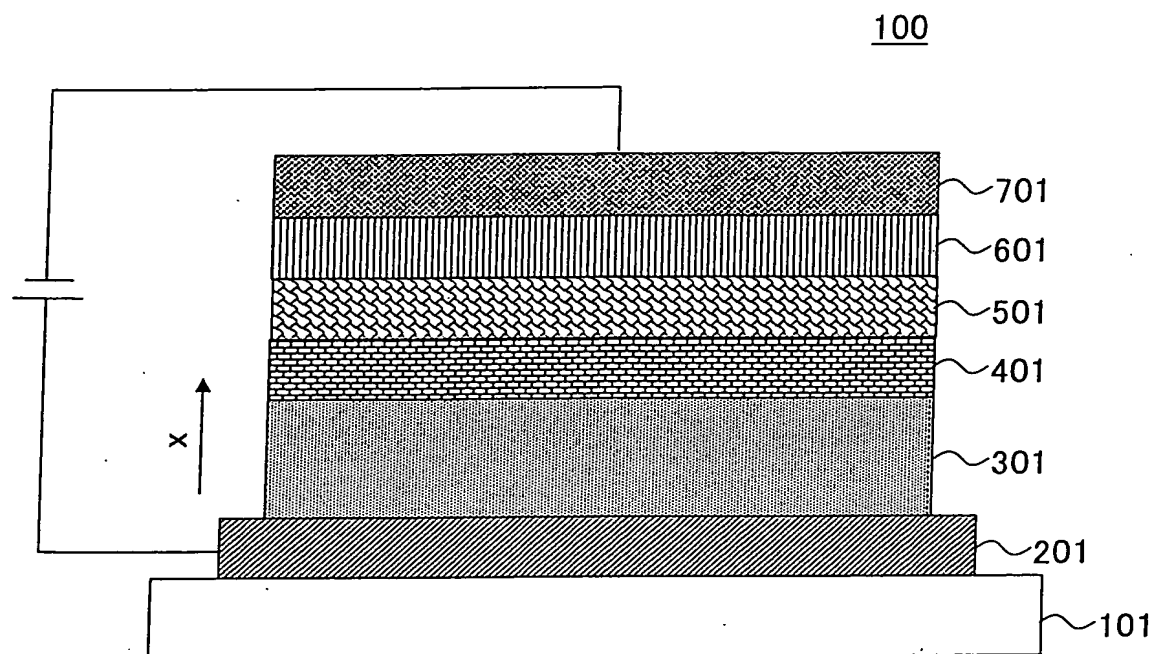


FIG.1B

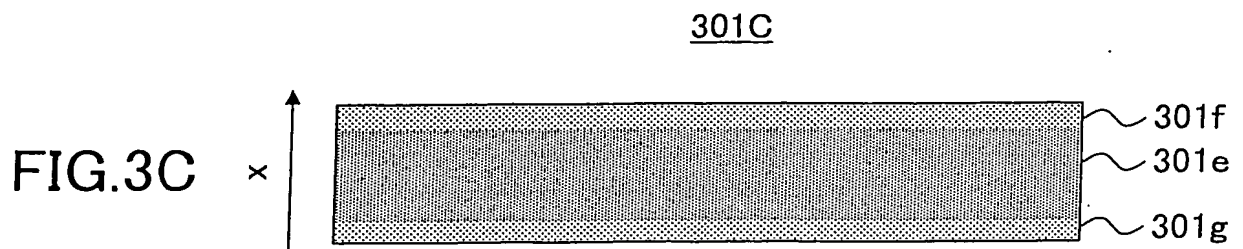
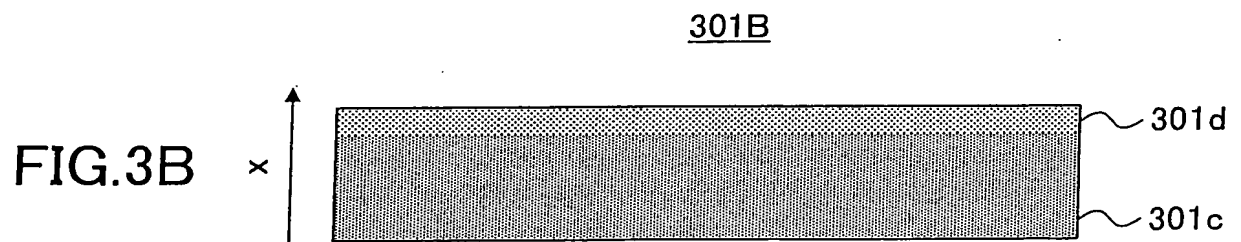
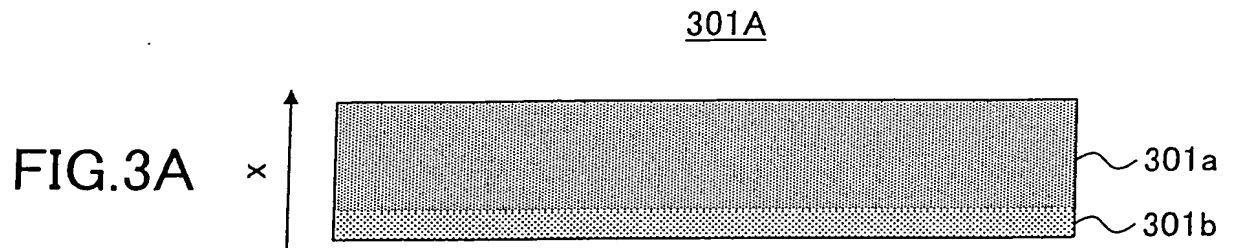


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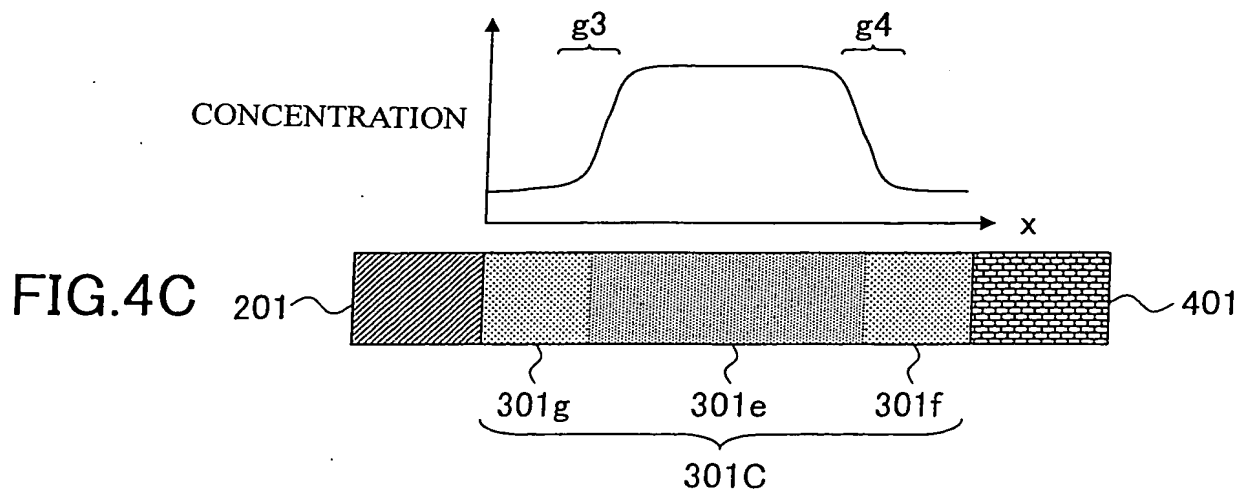
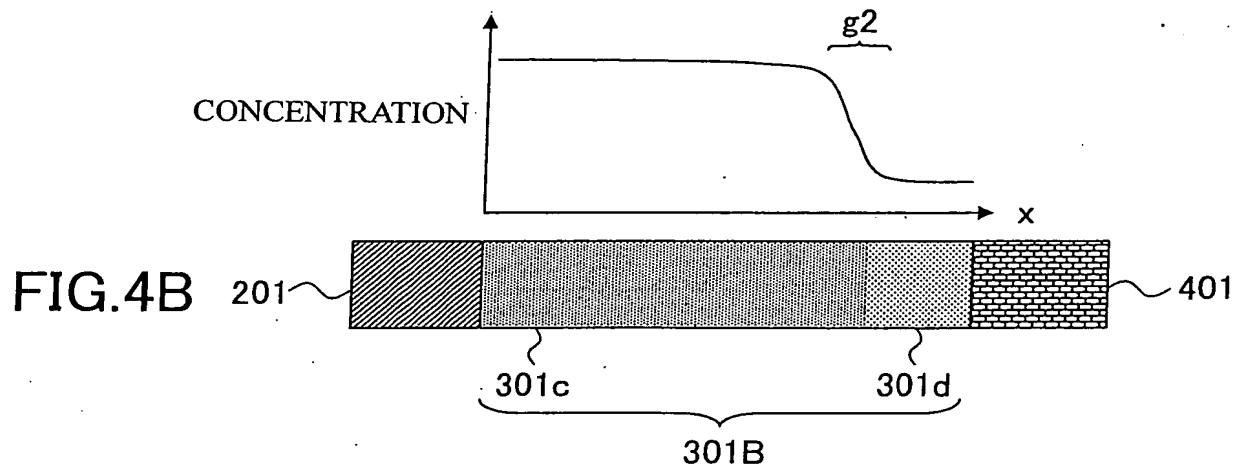
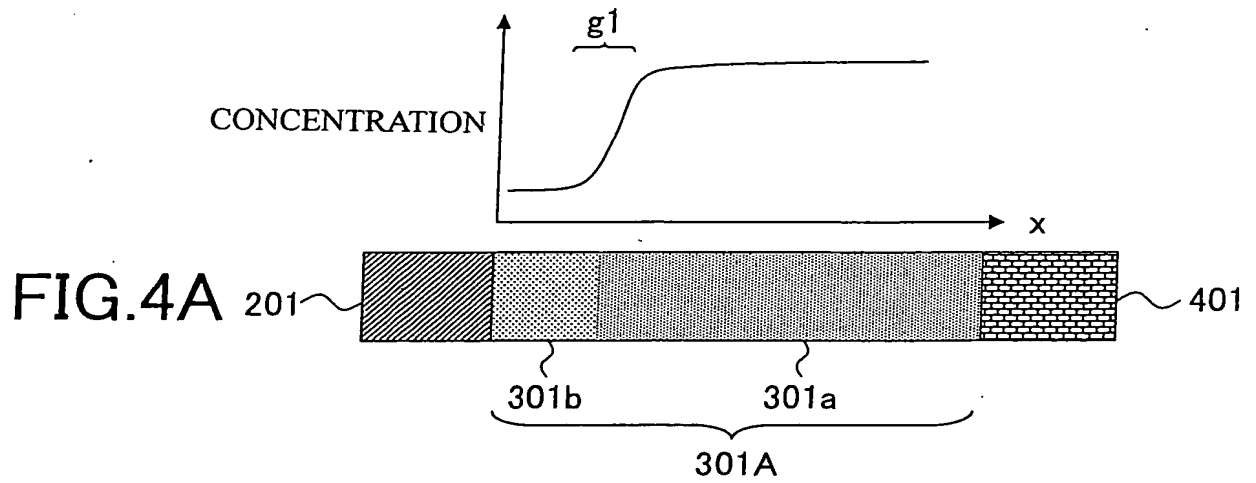
FIG.2



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FIG.5

	LEAK CURRENT (MAX VALUE)	LUMINOUS INTENSITY (cd/m ²)		VOLTAGE (V)		LUMINOUS EFFICIENCY (lm/W)	
		1mA/cm ²	15mA/cm ²	1mA/cm ²	15mA/cm ²	1mA/cm ²	15mA/cm ²
COMPARATIVE EXAMPLE 1	0~-15V	76	1064	3.55	5.22	6.76	4.27
EXAMPLE 1	359 μ A	77	995	3.50	5.13	6.95	4.06
EXAMPLE 2	82.2 μ A	76	1048	3.53	5.17	6.79	4.25
EXAMPLE 3	18.1 μ A	80	1099	3.57	5.28	7.0	4.36

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FIG.6

100A

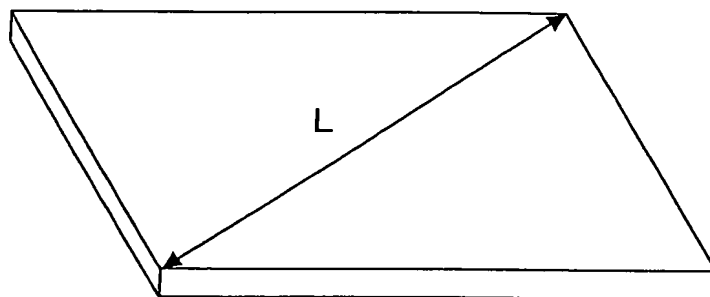
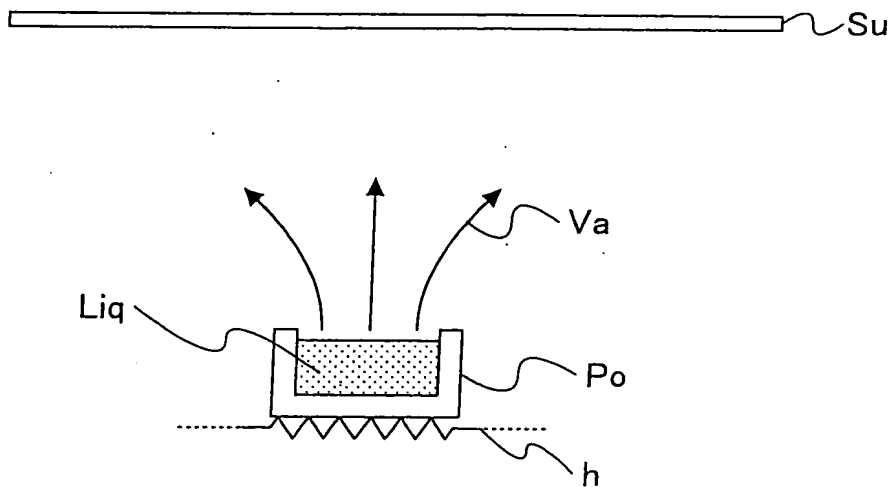
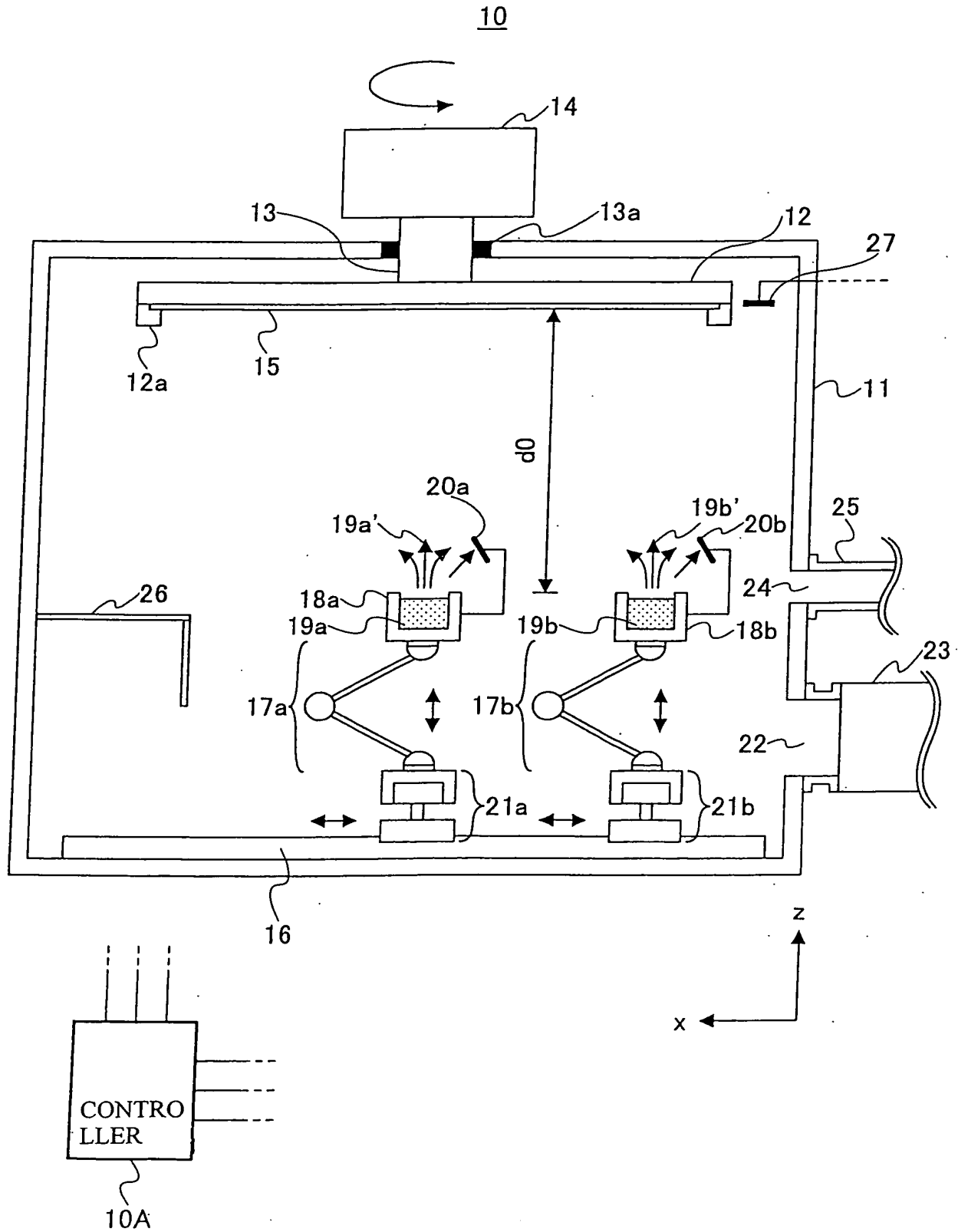


FIG.7



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FIG.8



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FIG.9

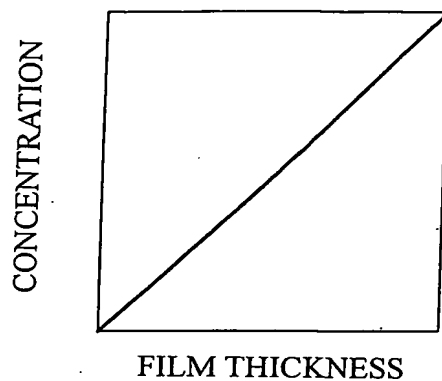


FIG.10A

	Luminous Intensity (cd/m ²)	Half-Life (hr)
First	250	750
Second	209	650
Third	224	710
Fourth	234	710
Fifth	205	670
Maximum Variation	11.40%	7.45%

FIG.10B

	Luminous Intensity (cd/m ²)	Half-Life (hr)
First	227	700
Second	220	710
Third	225	710
Fourth	229	710
Fifth	232	690
Maximum Variation	3.02%	1.71%

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FIG.11

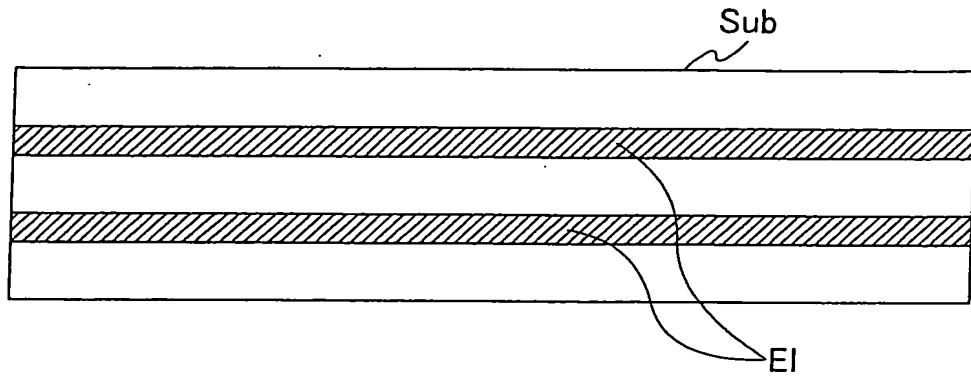
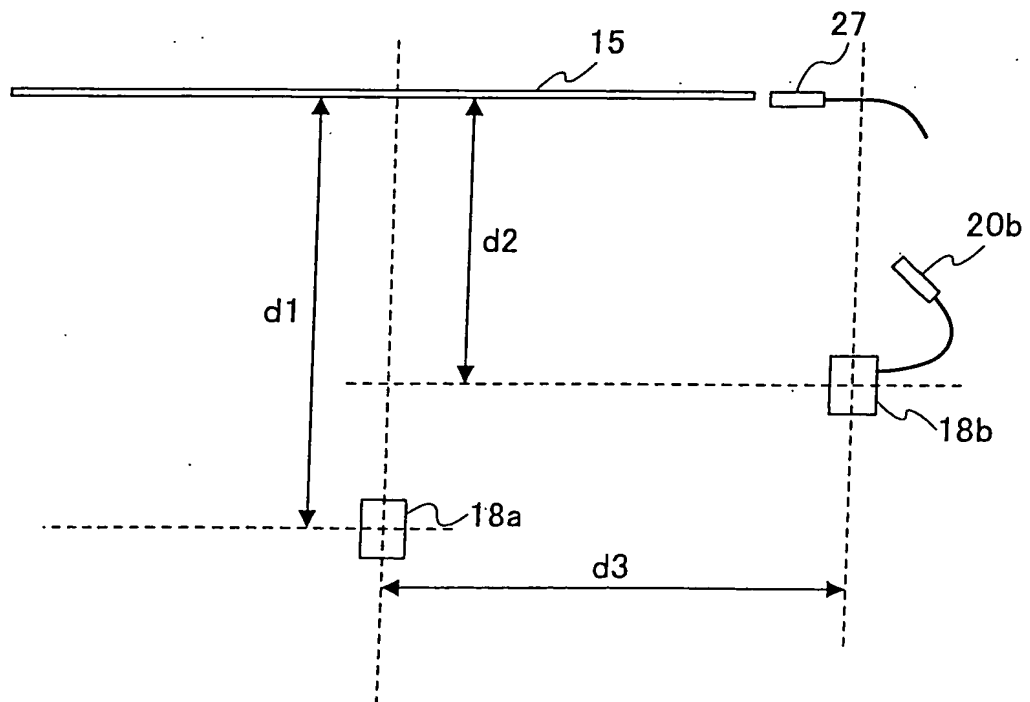


FIG.12



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FIG.13C

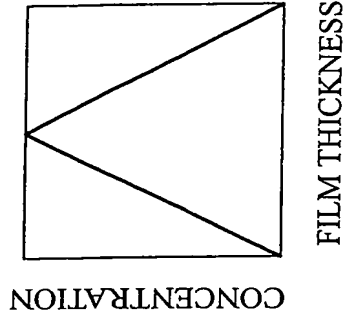


FIG.13F

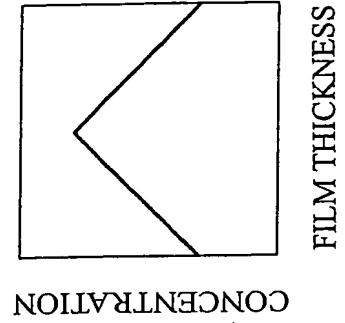


FIG.13B

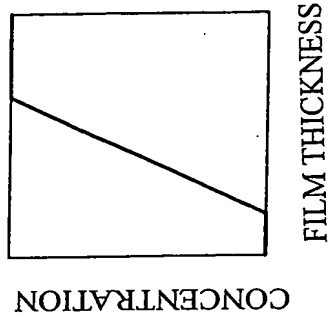


FIG.13E

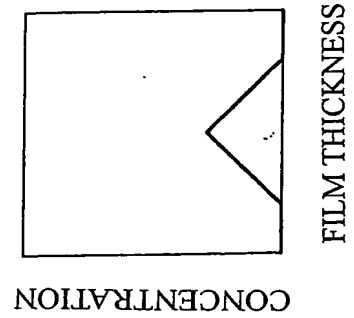


FIG.13A

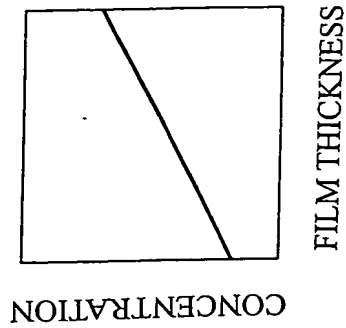
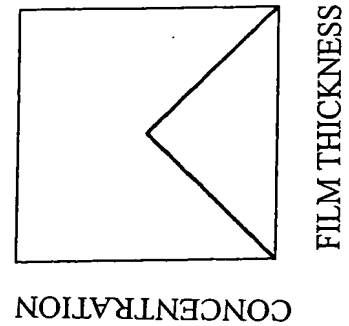


FIG.13D



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FIG.13I

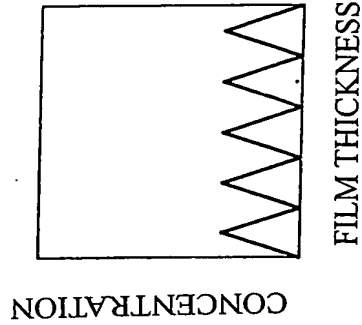


FIG.13L



FIG.13H

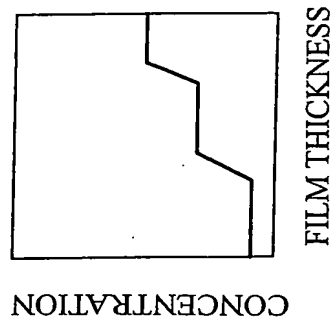


FIG.13K

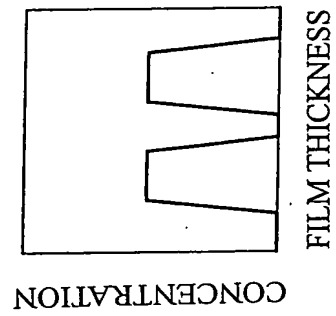


FIG.13G

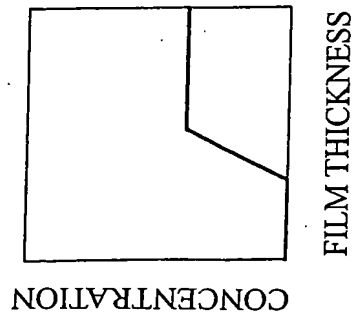
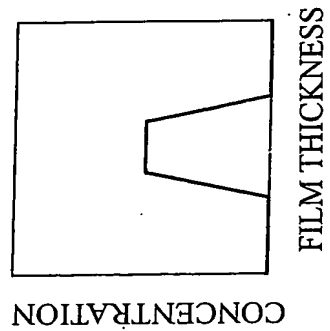


FIG.13J



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FIG. 14A

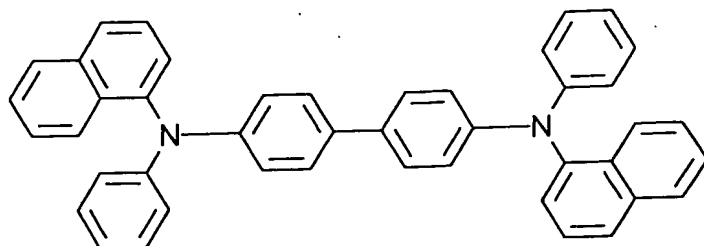
 α -NPD

FIG. 14B

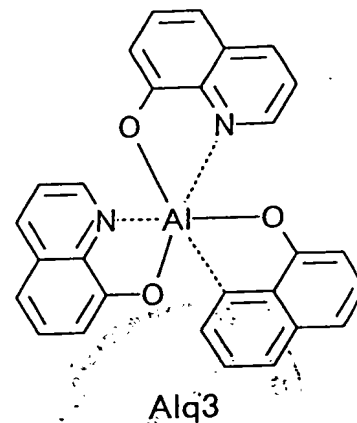
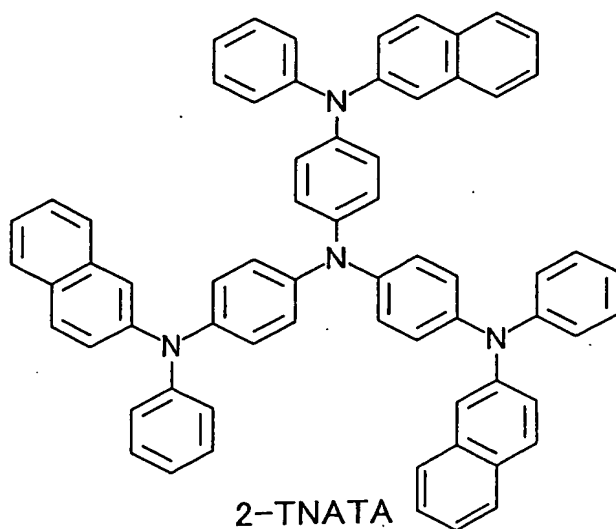
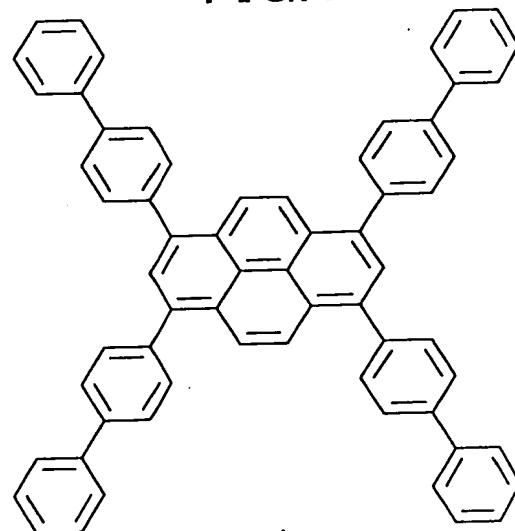


FIG.14C



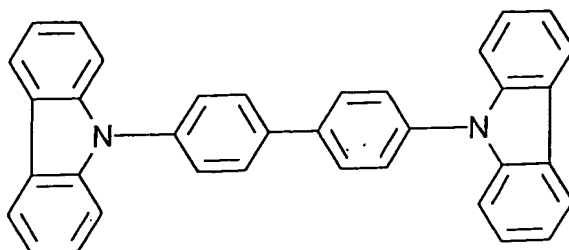
2-TNATA

FIG. 14D



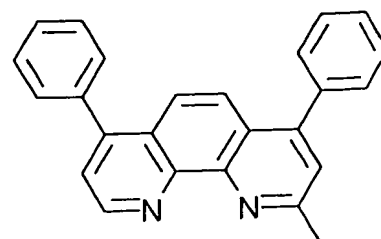
tbppy

FIG. 14E



CBP

FIG.14F



BCP